

See Acetamidide, N-(4-aminophenyl)- [122-80-5]  
Acetrazotic acid, 3-(acetylamino)-2,4,6-triido-  
See Benzoic acid, 3-(acetylamino)-2,4,6-triido-  
Aceturamide  
See Acetamide, N-(2-amino-2-oxoethyl)-  
[2620-63-5]  
Aceturic acid  
See Glycine, N-acetyl- [543-24-8]  
Acetyl  
See Ethyl, 1-oxo- [3170-69-2]  
Acetyl 35  
See Cellulose, esters, acetate [9004-35-7]  
Acetylacetol  
See Acetamide, N-[3-acetyl-4-[2-hydroxy-3-[(1-methyl-  
ethyl)amino]propoxy]phenyl]-  
[22568-64-5]  
Acetylaceton  
See 2,4-Pentanedione [123-54-6]  
Acetylactol  
See 9,19-Cyclanostane-3,12,26-triol, 16,23,23,26-  
2,25-tripropoxy-, 12-acetate, (3β,12β)-  
[17503-62-7]  
Acetyl-activating enzyme  
See Synthetase, acetyl coenzyme A [9012-31-1]  
Acetylaminosalicylic acid  
See Acetamide, N-(8-chloro-11-(4-methyl-1-  
piperazinyl)-5H-dibenzob[e][1,4]diazepin-5-  
yl)- [136772-00-4]  
Acetylaminodeoxyglucokinase  
See Kinase (phosphorylating), acetylglucosamine  
[9027-48-9]  
Acetylaminodeoxyglucose acetylhydrolase  
See Deacetylase, acetylglucosamine [9012-32-2]  
Acetylaminodeoxyglucose phosphate acetylhydrolase  
See Deacetylase, acetylglucosamine [9012-32-2]  
Acetylaminodeoxyglucose phosphorylase  
See Phosphomutase, acetylglucosamine [9027-51-4]  
β-Acetylaminodeoxyglucosidase  
See Acetylglucosaminidase, β- [9012-33-3]  
β-Acetylaminodeoxyglucosidase  
See Acetylhexosaminidase, β- [9027-52-5]  
Acetylaminodeoxyglucosaminase  
See Kinase (phosphorylating), acylmannosamine  
[9027-53-6]  
Acetylaminofluorene 7-hydroxylase  
See Oxygenase, acetylaminofluorene 7-mono-  
[64684-78-2]  
2-Acetylaminofluorene N-hydroxylase  
See Oxygenase, acetylaminofluorene N-mono-  
[5576-55-1]  
Acetylaminomethylol  
See Graysanone-3,5,6,10,14,16-hexol, 14-acetate,  
(3β,6β,14R)- [4720-09-6]  
Acetylamine  
See Thiazolium, 5-[2-(acetoxy)ethyl]-3-[(4-  
amino-2-methyl-5-pyrimidinyl)methyl]-4-  
methyl-, chloride [3419-28-1]  
Acetylaminotriphenyl  
See 4H-3,1-Benzoxazin-4-one, 2-methyl-  
[525-76-8]  
Acetylarsan  
See Arsonic acid, [3-(acetylamino)-4-hydroxy-  
phenyl]-, compd. with N-ethylethanamine (1:1)  
[534-33-8]  
Acetylarylamine N-hydroxylase  
See Oxygenase, acetylarylamine N-mono-  
[5576-55-1]  
Acetylase  
See Acetyltransferase [9012-30-0]  
Acetyl asparaginase  
See Asparaginase, acetyl deriv. [9037-23-4]  
Acetyl aspartic deamidase  
See Aspartoacylase [9031-86-1]  
Acetylation  
See also related:  
Acetylation catalysts  
Acetylation kinetics  
Acetylation  
See also related:  
Acetylation catalysts  
Acetylation, biol.  
See Acetylation, biol.  
Valid heading during volumes 126-130 (1997-June  
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Acetylation (biological)  
Acetyl group  
Acetylation kinetics  
Acetylation catalysts  
See also related:  
Acetylation  
Acetyltransferase [9012-30-0]  
Acetylaminopyran-4-carboxylic  
acid, 5,7-bis(acetoxy)-1-(β-D-  
glucopyranosyloxy)-1,4a,5,6,7,7a-hexahydro-7-  
methyl-, methyl ester, (1S,4aS,5R,7S,7aS)-  
[57420-45-8]  
Acetylboronate  
See Ethylmagnesium, 1-oxo-, tetrafluoroborate(1-)  
[2261-02-1]  
Acetylacetic acid, esters, 2-(diethylamino)ethyl ester  
[10369-82-1]  
p-Acetylbenzoic acid, 4-[17-(4-acetylphenylazo)-1,8-  
dihydroxy-3,6-disulfo-2-naphthalenylazo]-  
[95114-23-1]  
Acetylcarbamal  
See Butanamide, N-[(acetylamino)carbonyl]-2-  
bromo-2-ethyl- [77-66-7]  
Acetylcarbamyl coenzyme A  
See Coenzyme A, esters, S-[3-(acetoxy)-4-  
(trimethylammonio)butanoate], inner salt  
[5378-70-1]  
Acetylcellulose  
See Cellulose, esters, acetate [9004-35-7]  
Acetyl chloride [75-36-5]  
See Acetic acid headings for many nomenclature  
cross-references that will also be useful when  
searching for acetyl chloride derivatives  
oxime — see Ethanimidoyl chloride, N-hydroxy-  
[683-58-9]  
Acetylcholine  
See Ethanaminium, 2-(acetoxy)-N,N,N-trimethyl-

**Acetylcholine agonists**  
[51-84-3]  
**See Cholinergic agonists**  
**Acetylcholine antagonists**  
**See Cholinergic antagonists**  
**Acetylcholine-like substances**  
**See Cholinergic agonists**  
**Acetylcholine mustard**  
**See Ethanol**, 2-(2-chloroethyl)methylamino-, acetate (ester) [36375-30-1]  
**Acetylcholine receptors**  
**See Cholinergic receptors**  
**Acetylcholinesterase**  
**See Esterase**, acetyl choline [9000-81-1]  
**Acetyl coenzyme A**  
**See Coenzyme A**, esters, S-acetate [72-89-9]  
**Acetyl coenzyme A acylase**  
**See Hydrolase**, acetyl coenzyme A [9027-54-7]  
**Acetyl coenzyme A decarboxylase**  
**See Hydrolase**, acetyl coenzyme A [9027-54-7]  
**Acetyl coenzyme A holocarboxylase synthetase**  
**See Synthetase**, biotin-[acetyl coenzyme A carboxylase] [37340-95-7]  
**Acetylcortaceneone**  
**See Bicyclo[7,2,0]undeca-1(9),4-dien-10-one**, 11-(5-methyl-, (4B,8S,11S)-) [89255-19-6]  
**Acetyl cyanide**  
**See Propanenitrile**, 2-oxo- [631-57-2]  
**Acetylcysteine**  
**See L-Cysteine**, N-acetyl- [616-91-1]  
**Acetylaldehyde**  
**See Benzamide**, 4-(acetylamino)-N-(2-amino)phenyl- [112522-64-2]  
**Acetyl disulfide**  
**See Disulfide**, diacetyl [592-22-3]  
**bis(O-benzoyloxyimino)** —  
**see Disulfide**, bis[1-(benzoyloxyimino)ethyl]  
[13783-95-4]  
**dioxime** — **see Disulfide**, bis[1-(hydroxyimino-)ethyl]  
[13951-50-3]  
**Acetylene**  
**See Ethyne** [74-86-2]  
**Acetylenazobenzene**  
**See Diazene**, ethynylphenyl- [18553-41-8]  
**Acetylene black**  
**See Carbon black**  
**Acetyleneboronic acid**  
**See Boronic acid**, ethynyl- [4453-96-7]  
**Acetylene carbamide**  
**See Imidazole**, 4,5-diimidazole-2,5(H,3H)-dione, tetrahydro- [496-46-8]  
**Acetylenecarboxylic acid**  
**See 2-Propynoic acid** [471-25-0]  
**Acetylenediamine**  
**See Ethylenediamine** [4403-54-7]  
**Acetylenedicarbamic acid**  
**See Carbamic acid**, 1,2-ethynyldibis- [4463-97-2]  
**Acetylenedicarboxaldehyde**  
**See 2-Butynediol** [21251-20-7]  
**Acetylenedicarboximide**  
**See 1H-Pyrrole**, 2,5-dione, 3,4-didehydro- [13575-37-6]  
**Acetylenedicarboxylic acid**  
**See 2-Butynedioic acid** [142-45-0]  
**Acetylenedurene**  
**See Imidazole**, 4,5-diimidazole-2,5(H,3H)-dione, tetrahydro- [496-46-8]  
**Acetylenepurine**  
**See Imidazole**, 4,5-diimidazole-2,5(H,3H)-dione, tetrahydro- [496-46-8]  
**Acetylene generators**  
**See Ethyne** [74-86-2], preparation  
**Acetylene E**  
**See Ethyne**, derivatives (general)  
**Acetylene F**  
**See Polyoxy-1,2-ethanediyl**, α,α'-[1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butynyl]-1,4-diyllbis- [ω-hydroxy- [9014-85-1]  
**Acetylenel E**  
**See Polyoxy-1,2-ethanediyl**, α,α'-[1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butynyl]-1,4-diyllbis- [ω-hydroxy- [9014-85-1]  
**Acetylenel FI**  
**See Polyoxy-1,2-ethanediyl**, α,α'-[1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butynyl]-1,4-diyllbis- [ω-hydroxy- [9014-85-1]  
**Acetyl fluoride**  
**O-(chloromethoxyphosphinyl)oxime** —  
**see Ethanimidoyl**  
**fluoride**, N-[(chloromethoxyphosphinyl)oxy]- [22046-83-9]  
**O-(dichlorophosphinyl)oxime** —  
**see Ethanimidoyl**  
**fluoride**, N-[(dichlorophosphinyl)oxy]- [2234-40-8]  
**O-phosphono oxime dimethyl ester** —  
**see Ethanimidoyl**  
**fluoride**, N-[(dimethoxyphosphinyl)oxy]- [22046-84-0]  
**Acetylfornoin**  
**See 2,3,5-Hexanetriene**, 4-hydroxy- [4384-08-1]  
**Acetylflutrazine**  
**See Acetamide**, N-[6-12-(5-nitro-2-furyl)-ethenyl]-1,2,4-triazole-3-yl- [1789-26-0]  
**Acetylglactosamine 4β-D-glucosaminyltransferase**  
**See Sulfolipase**, acetylglactosamine 4,6-di- [19027-55-8]  
**Acetylglutamate transferase**  
**blood-group substance A-dependent** — see

also Acetylglucosaminyltransferase, blood-group  
—, fucosylglactose  
See Acetylglucosaminyltransferase, blood-group  
substance] α- [9067-69-0]  
—, fucosylglactose  
Acetylglucosaminidase  
See Acetylglucosaminidase [9027-56-9]  
Acetylglucosamine kinase  
See Kinase (phosphorylating), acetylglucosamine  
[9027-48-9]  
N-Acetyl-β-glucosaminidase  
N-Acetyl-β-glucosaminidase, β- [9012-33-3]  
β-N-Acetylglucosaminidase  
See Acetylglucosaminidase, β- [9012-33-3]  
Acetylglutamic-acetylornithine transacetylase  
See Acetyltransferase, glutamate [37257-14-0]  
N-Acetylglutamic 5-phosphotransferase  
See Kinase (phosphorylating), acetylglutamate  
[9027-58-1]  
Acetylglutamic synthetase  
See  
Acetyltransferase, amino acid [9029-88-3]  
Acetyl group  
See also related:  
Acetylation  
Deacetylation  
Acetyl H acid  
See 2,7-Naphthalenedisulfonic  
acid, 4-(acetylamino)-5-hydroxy- [134-34-9]  
β-N-Acetylhexosaminidase  
See Acetylhexosaminidase, β- [9027-52-5]  
Acetylhistidine synthetase  
See Acetyltransferase, histidine [9027-59-2]  
O-Acetylhomoserine sulphydrylase  
See Synthase, methionine [37290-90-7]  
O-Acetylhomoserine (thio)-lyase  
See Synthase, methionine [37290-90-7]  
Acetyl hydroperoxidase  
See Ethaneperoxidase [79-21-0]  
O-Acetyl-α-hydroxyethyl-2'-thiamin  
See Thiazolium, 2'-[1-(acetyloxy)ethyl]-5-[2-  
(acetyloxy)ethyl]-3-(4-amino-2-methyl-5-  
pyrimidinyl)methyl]-4-methyl-, chloride  
[15512-64-8]  
O-Acetyl-α-hydroxyisobutyl-2'-thiamin  
See Thiazolium, 2'-[1-(acetyloxy)ethyl]-5-[2-  
(acetyloxy)ethyl]-3-(4-amino-2-methyl-5-  
pyrimidinyl)methyl]-4-methyl-, chloride  
[15512-64-8]  
O-Acetyl-α-hydroxypropyl-2'-thiamin  
See Thiazolium, 5-[2-(acetyloxy)ethyl]-2-[1-  
(acetyloxy)-2-methylpropyl]-3-(4-amino-2-  
methyl-5-pyrimidinyl)methyl]-4-methyl-,  
chloride [15512-63-7]  
O-Acetyl-α-hydroxypropyl-2'-thiamin  
See Thiazolium, 5-[2-(acetyloxy)ethyl]-2-[1-  
(acetyloxy)-2-methylpropyl]-3-(4-amino-2-  
methyl-5-pyrimidinyl)methyl]-4-methyl-,  
chloride [15512-63-7]  
Acetyl hypiodide  
See Acetic acid, anhydrides, anhydride with  
hypoiodous acid [6540-76-7]  
Acetylisoniazid  
See 4-Pyridinecarboxylic  
acid, hydrazides, 2-acetylhydrazide  
[1078-38-2]  
N-Acetylglucosamine synthase  
See Galactosyltransferase, uridine  
[9054-94-8]  
Acetylglucosamine synthetase  
See Galactosyltransferase, uridine  
[9054-94-8]  
Acetylmannoside A  
See β-D-Glucopyranoside, 2-(3-hydroxy-4-  
methoxyphenyl)ethyl  
3-O-(2,3-di-O-acetyl-6-deoxy-α-L-  
mannopyranosyl)-, 6-[(2E)-3-(4-hydroxy-3-  
methoxyphenyl)-2-propenoate] [161407-81-4]  
Acetylmetadrol  
See Benzeneethanol, β-[2-(dimethylamino)propyl]-  
α-ethyl-β-phenyl-, acetate (ester) [509-74-0]  
N-Acetylneuraminic aldolase  
See Lyase, acetylneuraminatate [9027-60-5]  
N-Acetylneuraminic monooxygenase  
See Oxygenase, N-acetylneuraminatate mono-  
[62213-55-2]  
Acetyl nitrate  
See Acetic acid, anhydrides, anhydride with nitric  
acid [591-09-3]  
Acetyl nitrite  
See Acetic acid, anhydrides, anhydride with nitrous  
acid [5813-49-0]  
Acetylphenetide  
See Benzeneethanamide, N-[(acetylamino)carbonyl]-α-  
ethyl- [13402-08-9]  
N-Acetyl-L-phenylalanyl-L-tyrosine hydrolase  
See Dipeptidase, acetylphenylalaninyltyrosine  
[9027-61-6]  
Acetylphosphatase  
See Phosphatase, acyl [9012-34-4]  
Acetyl phosphate (C<sub>2</sub>H<sub>5</sub>O<sub>2</sub>(HO)PO)  
See Acetic acid, anhydrides, monoanhydride with  
phosphoric acid [590-54-5]  
Acetylpropanamine  
See Ritanone, 1-[10-(3-(dimethylamino)propyl)-  
10H-phenothiazin-2-yl]- [61-00-7]  
Acetyltranamycin C  
See 1H,3H-Pyran[3,4-c]pyran-1-one, 5-ethenyl-  
4,4,5,6-tetrahydro-4a-hydroxy-6-[(2,3,4,6-  
tetra-O-acetyl-β-D-glucopyranosyl)oxy]-,  
(4R,5R,6S)- [10289-37-9]  
Acetylvaldehydride  
See Benzaldehyde, 2-(acetyloxy)- [5663-67-2]  
Acetylvalleyamide  
See Benzamide, 2-(acetyloxy)- [5663-71-8]  
Acetylsalicylanilide  
See Benzanilide, 2-(acetyloxy)-N-phenyl-  
[6005-59-0]  
Acetylsalicylic acid  
See Benzoic acid, 2-(acetyloxy)-, anhydride  
[1466-82-6]  
Acetylsalicylic anhydride  
See Benzoic acid, 2-(acetyloxy)-, anhydride  
[1466-82-6]